

U.S. Bureau of Reclamation
Emergency Condition Notification Form

Date: Wednesday July 13, 2011 **UPDATE**

Time: 3:00 PM (MDT)

Facility Affected: Canyon Ferry Reservoir

River Affected: Missouri River

Organizations Receiving this Notification:

Lewis and Clark County Dispatch 24-hour Warning Point
Cascade County Dispatch 24-hour Warning Point
PPL Montana – Rainbow Dam Dispatch Center
National Weather Service, Great Falls
Montana State Disaster and Emergency Services, Helena
U.S. Army Corps of Engineers, Omaha
Bureau of Reclamation – Great Plains Regional Office

Condition Description

Current Conditions – Canyon Ferry Dam and Reservoir as of 12:00 p.m. July 13, 2011.

- Elevation = 3798.38 feet (1.38 feet into exclusive flood control pool, 45.7% utilized)
- Storage = 1,938,123 acre-feet
- Inflow = 15,500 cubic-feet per second (cfs)
- Discharge = 15,400 cfs (to the Missouri River)

Releases to the Missouri River were reduced from 17,400 cfs to 15,440 cfs at 9:00 AM on Wednesday July 13, 2011.

In accordance with the Emergency Action Plan for Canyon Ferry Dam, releases to the Missouri River over 15,000 cfs place Canyon Ferry Dam into an elevated response level requiring notifications to downstream and affected agencies. **We want to stress that there are no dam safety related conditions or concerns with Canyon Ferry Dam.**

1. Potential River Levels and Times of Arrival

The following provides the approximate travel times from the Dam to key locations along the Missouri River:

<u>Missouri River Location</u>	<u>Approximate Travel Time</u>	<u>Approximate Stage Decrease</u>
Craig	7 hours 45 min	n/a
Cascade	13 hours 15 min	n/a
Ulm	18 hours 30 min	0.85
Great Falls	25 hours 00 min	n/a

2. Actions Taken by Reclamation

Inflows into Canyon Ferry looked to have peaked and are trending downward yet remain above 15,000 cfs. The downstream flows to the Missouri River from Canyon Ferry Dam and Powerplant were lowered to approximately 15,400 cfs to control the reservoir elevation. Decreased releases to the Missouri River will continue as inflows continue to decline.

3. Actions Expected of Downstream Agencies

Downstream agencies should take these flows into account combined with existing downstream tributary flows entering the Missouri River and notify landowners who occupy low lying areas that they are subject to potential flooding.

Be advised that releases at or above 15,000 cfs will likely continue for the next several days. Reclamation is requesting that the County DES notify landowners living along the Missouri River below Canyon Ferry Dam who occupy low lying areas that they are subject to potential flooding

4. Phone Number for Additional Information

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5. Media Inquiries:

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